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 $\alpha_2 = \mu\text{atone}$
34. A semiconductor apparatus according to claim 33, wherein a contact angle α_2 formed between said first external connection terminal member and said electrically insulating layer is smaller than a contact angle α_1 formed between said second external connection terminal member and said electrically insulating layer. --

REMARKS

In response to the election requirement dated October 2, 2002, applicants hereby elect Embodiment 3, noting that claim 12 reads on the elected embodiment. In addition, new independent claim 23 and dependent claims 24-34 are added, all of which can also be read on the elected embodiment 3. For example, like claim 12, independent claim 23 defines a semiconductor device with an electrically insulating layer formed thereon, and wiring formed on the electrical insulating layer connecting an external connection terminal to a circuit electrode of the semiconductor device. Also, like claim 12, claim 23 defines that the wiring includes copper with a nickel layer formed on the copper. Claim 23 and the dependent claims include further limitations defining the embodiment of Fig. 3 beyond the above-noted common limitations with claim 12. Accordingly, entry and examination of the newly submitted claims 23-34 with the elected embodiment 3 is respectfully requested.

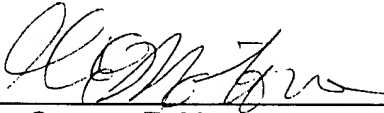
If the Examiner believes that there are any other points which may be clarified or otherwise disposed of, either by telephone discussion or by personal interview, the Examiner is invited to contact applicants' undersigned attorney at the number indicated below.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the

filing of this paper, including extension of time fees, to the deposit account of
Antonelli, Terry, Stout & Kraus, Deposit Account No. 01-2135 (500.39241X00).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

By 

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